

# Nikhil Neela | Resume

Fullstack Software Engineer

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## Summary

A fullstack software engineer experienced in building high quality software products and solutions from end to end and capable of working in a fast paced dynamic environments. I am interested in developing scalable, performant, high quality frontend and backend applications.

## Education

**International Institute of Information Technology, Bangalore**

**M.Tech, Computer Science**

**Key Courses:** Algorithms, Data Structures, Operating Systems, Object Oriented Analysis and Design, Database Systems

**Scores:** 3.37/4

**Awards:** Directors merit list student

## Interests & Expertise

- o Interested in learning new innovations in software systems design which focuses on scale and performance.
- o Interested in design and implementation of software products from end to end frontend and backend.
- o Experienced in developing full stack web and mobile applications.
- o Experienced in developing cross platform mobile applications with focus on quality and reuseability.
- o Experienced in turning product specifications into reality by working with UX designers.
- o Experienced in leading small teams & mentoring team members, contributing to technology, product & process initiatives.

## Skills

**Languages:** C, C++, Java

**Libraries & Frameworks:** Reactjs, mobx, Spring Boot, expressjs

**Databases:** MySQL, DynamoDB

**Dev Ops:** Jenkins & Docker

**Tools:** Maven, Gradle & CMake

**Version Control:** Perforce & GIT

## Experience

**Adobe** **Bangalore, India**

*Software Development Engineer 3*

*March, 2015 – Present*

- o **Pulse** : Pulse lets Adobe apps & services deliver device-oriented notifications to Adobe users reliably across desktop, web and mobile in real-time with minimal integration effort. It's been extensively used across all three Adobe clouds, Experience Cloud, Document Cloud and Creative Cloud. I have been working on various features which include sending Group Notifications, Real time alerts, Ability to search notifications and template management. I have also redesigned and implemented the frontend for the service in reactjs to cater to experience cloud users.
- o **Project Gemini** : Gemini is a next generation drawing and painting app that combines the capabilities of both Adobe Draw and Adobe Sketch. I worked on a backend service that converts Draw and Sketch projects into Gemini compatible format. Handling this conversion at a large scale and outburst traffic patterns was a challenge to solve.
- o **Adobe Draw** : A professional painting and drawing from adobe targeted for large handheld devices like tablets. I worked on core features like drawing editor, brush and toolbar panels, layers editor, projects organiser, synchronising assets with Creative Cloud.
- o **Adobe Shape** : Design and implementation of major portions of the app. Interacting with the shape generation library and workflows to save generated assets to Creative Cloud were the major contributions.

**NetApp**

**Bengaluru, India**

*Member of Technical Staff*

*August, 2014 – Feb, 2015*

- o Software developer working in Flex Array Virtualization (FAV) team.
- o Work involved in developing storage stack which virtualizes and allows customers to attach third party storage systems to our storage system.

**Texas Instruments**

**Bengaluru, India**

*Software Developer*

*July, 2012 – July, 2014*

- o A software framework developer for the next generation TI SOC platforms
- o The framework allows customers to quickly prototype and evaluate vision algorithms and create custom data flows involving Video capture, Video Processing and Video Display.
- o Worked extensively in developing plug and play components in C/C++.

**IBM**

**Bengaluru, India**

*Software Development Intern, IBM India Software Labs*

*Feb, 2012 – June, 2012*

Worked in AIX Performance tools development team. I was involved in developing tools that display statistics related to the four main subsystems of AIX operating system namely CPU, Memory, Disk and Network.